

## 内Manitoba Hydro

## Manitoba-Minnesota

 Transmission Projec
## Project Infrastructure

- Converter Station (Existing)
- Final Preferred Route (FPR)

Infrastructure
$\cdots$ Existing 500 kV Transmission Line
Existing 230kV Transmission Lin
Map Series Index - 1:30,00
$\square$ Map Series Tile
Landbase

- Community

- [- Provincial Highway

Provincial Road
City
city
First Nation Lands
Ecological Reserve
Widdifie Management Area
Provincial Park
$\square$ Pural municipality

| Coordinate System: UTM Zone 14N NAD83 Data Source: MBHydro, ProvMB, NRCAN Date Created: August 04, 2015 | $\wedge^{N}$ |
| :---: | :---: |
| 10 Kilometres |  |
| $\xrightarrow{ }$ |  |
| 10 Miles | 1:600,000 |

Access Management Plan Overview Index


## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 1 | 1 | Existing gravel road | Entrance road to Dorsey Station. Entrance road gated. Road terminates before getting to the ROW. | No | 430 m | 612184 | 5538710 | 612411 | 5538499 |
| 1 | 2 | Existing approach | Existing access trail east of municipal road 1E, will need to crosses shallow ditch to access the ROW. Note: Crop land on both sides and Shelter belt on East side. | No | 300 m | 612155 | 5538096 | 612456 | 5538100 |
| 1 | 3 | Existing dirt road | Mallard Road 66 N , will need to cross steep ditch on both sides of the road to access the ROW, culverts required. Note: Crop land on both sides | No | 470 m | 612188 | 5537075 | 612658 | 5537082 |
| 1 | 4 | Existing dirt road | Farmer Road 65N. Will need to cross steep and wide ditch on both sides to access the ROW. Culverts required. Note: Crop land on both sides. | No | 465 m | 612226 | 5535431 | 612691 | 5535442 |
| 1 | 5 | Existing gravel road | Municipal road 64 N . Will need to cross steep and wide ditch on both sides to access the ROW, Culverts required. Note: Crop land on both sides. | No | 1170 m | 613907 | 5533832 | 612734 | 5533809 |
| 1 | 6 | Existing gravel/dirt road | Existing road off PR 334. Will need to cross shallow ditch on both sides of the road to access the ROW. Distribution line on the South side of the road. Note: Crop land on the North side of the road | No | 1150 m | 613931 | 5532199 | 612778 | 5532173 |



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| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 2 | 10RT | Intersection with Provincial Road | ROW intersection with PR 241. | No | 0 m | 612878 | 5524726 | 612878 | 5524726 |
| 2 | 7 | Existing dirt road | Existing road off PR 334. Will need to cross shallow ditch on both sides of the road to access the ROW. Note: Crop land on both sides of the road and natural gas line on North side of the road. | No | 1260 m | 613946 | 5531565 | 612913 | 5531344 |
| 2 | 8 | Existing dirt road | Existing road off PR 334. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Note: Crop land on both sides of the road and distribution line on the South side of the road. | No | 1230 m | 614255 | 5528424 | 613028 | 5528342 |
| 2 | 9RT | Intersection with Trans-Canada Highway | ROW intersection with TCH used to access the Northern section of the ROW. Steep ditch on the North side of the road. Culverts required. Could consider using an existing crossing 50m East of the ROW. | No | 0 m | 612951 | 5526347 | 612951 | 5526347 |



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| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 3 | 11 | Existing gravel road | The Headingly Grand Trunk Trail off Wescana St. No Vehicles allowed. Will need special permission to use road. Steep ditch on both sides. To access the Northern section of the ROW, the only other access point is off Roblin Blvd (hwy 241). | No | 440 m | 613261 | 5523345 | 612824 | 5523372 |
| 3 | 12RT | Intersection with Provincial Road | ROW intersection with PR 427 (Wilkes Ave.). Will need to cross steep ditch on both sides of the road to access the ROW, Culverts required. Note: Crop land on both sides of the road. Distribution line on the South side of the road. Double rail tracks on North side of the road. | No | 0 m | 612758 | 5521518 | 612759 | 5521518 |
| 3 | 13 | Existing gravel/dirt road | Existing road off La Verendrye road. Note: Crop land on both sides of the road. Distribution line on the North side of the road. | No | 2600 m | 614163 | 5517390 | 612617 | 5518218 |
| 3 | 14RT | Intersection with Provincial Road | ROW intersection with PR 334 (Harris road) PR334. Will need to cross steep ditch on both sides of the road to access the ROW, Culverts required. Note: Crop land on both sides of the road. | No | 0 m | 614155 | 5518115 | 614155 | 5518116 |
| 3 | 15 | Existing dirt road | Existing road off PR 334 (Harris road). Crop land on both sides of the road. Distribution line on the East side of the road. | No | 1200 m | 614906 | 5518443 | 615802 | 5518147 |
| 3 | 15b | Existing dirt road | Alternative access point to Route ID 15 off La Verendrye road. Note: Crop land on both sides of the road. Distribution line on the East side of the road. | No | 720 m | 615806 | 5517428 | 615802 | 5518147 |
| 3 | 16 | Existing dirt road | Existing road off La Verendrye road. Note: Crop land on both sides of the road. Distribution line on the East side of the road. | No | 700 m | 617445 | 5517449 | 617437 | 5518146 |
| 3 | 17RT | Intersection with gravel road | ROW intersection with La Verendrye road ROW intersection. Will need to cross steep ditch on both sides of the road to access the ROW, Culverts required. Note: Crop land on both sides of the road. Distribution line on the North side of the road and 115kv Transmission line on the South side of the road. | No | 0 m | 618401 | 5517468 | 618402 | 5517469 |



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| Map Number | $\begin{aligned} & \text { Rout } \\ & \text { ID } \end{aligned}$ | Route Access Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 4 | 18RT | Intersection with Provincial Road | ROW intersection with PTH 2 (Red Coat Trail). Will need to cross steep ditch on both sides of the road to access the ROW, Culverts required. Could consider using an existing crossing 20 m West of the ROW to access the Northern section of the ROW. Note: Crop land on both sides of the road. | No | 0 m | 618472 | 5514174 | 618472 | 5514174 |
| 4 | 19RT | Intersection with Provincial Highway | ROW intersection with PTH 3 (Boundary Commission Trail). Will need to cross steep ditch on both sides of the road to access the ROW, Culverts required. Access Point 20RT would be the preferred access to Access Point 19. Note: Crop land on both sides of the road. Transmission line on the North side of the road and distribution line on the South side of the road. | No | 0 m | 618961 | 5512015 | 618961 | 5512015 |
| 4 | 20RT | Intersection with gravel road | Existing road off PTH 3 (Boundary Commission Trail). Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Note: Crop land on both sides of the road. Distribution line on the West side of the road. | No | 0 m | 619206 | 5512028 | 619206 | 5512029 |
| 4 | 21 | Existing gravel road | Existing road off PTH 2 (Red Coat Trail). Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Note: Crop land on both sides of the road and distribution line on the East side of the road. | No | 2160 m | 620849 | 5512580 | 620844 | 5512060 |
| 4 | 22 | Existing gravel/dirt road | Existing road off Perimeter hwy service road. Will need to cross shallow ditch on both sides of the road to access the ROW. Note: Distribution line on the West side of the road. | No | 2250 m | 622445 | 5512606 | 622458 | 5512098 |
| 4 | 23 | Existing gravel road | Existing road off Perimeter Highway service road. Will need to cross shallow ditch on the East side and steep ditch on the West side of the road to access the ROW. Culvert required on the West side of the road. Note: Distribution line on the West side of the road. | No | 2110 m | 624109 | 5512632 | 624118 | 5512128 |
| 4 | 24 | Existing gravel road | Existing road off Perimeter Highway service road. Will need to cross steep ditch on both sides of the road to access the ROW. Culvert required. Note: Distribution line on the West side of the road. | No | 2120 m | 625752 | 5512693 | 625770 | 5512168 |
| 4 | 25RT | Intersection with Provincial Road | ROW intersection with PR 330. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Use route 24 to access the west side of the ROW. | No | 0 m | 626329 | 5512178 | 626330 | 5512178 |



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| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 5 | 26 | Existing dirt road | Existing road off Perimeter Highway. Will need to cross steep ditch on the West side of the road and shallow ditch on the East side of the road to access the ROW. Culvert required on the West side. | No | 2080 m | 627393 | 5512701 | 627409 | 5512205 |
| 5 | 27 | Existing gravel road | Existing road off Perimeter Highway. Will need to cross steep ditch on both side of the road to access the Row. Culvert required | No | 2530 m | 628626 | 5514373 | 628273 | 5512228 |
| 5 | 28 | Existing gravel road | Existing road off Perimeter HIghway. Will need to cross steep ditch on the West side of the road and shallow ditch on the East side of the road to access the ROW. Culvert required on the West side. West side of the road is fenced. | No | 3340 m | 631129 | 5512960 | 629894 | 5512245 |
| 5 | 29RT | Intersection with gravel road | ROW intersection with Waverly St. Will need to cross shallow ditch on both sides of the road to access the ROW. Distribution line on the West side of the road. | No | 0 m | 631155 | 5511956 | 631155 | 5511957 |
| 5 | 30 | Existing trail | Existing trail off Red River Dr. Used to access the West side of the ROW. Will require permission from the City to use this trail. | No | 160 m | 633883 | 5512277 | 633757 | 5512178 |
| 5 | 31 | Existing approach | Partially developed trail off Red River Dr. Used to access the West side of the ROW. Will require permission from the City to use this trail. | No | 290 m | 634263 | 5512361 | 634064 | 5512148 |
| 5 | 32 | Existing dirt road | Partially developed trail off Red River Dr. Used to access the East side of the ROW. Will require permission from the City to use this trail. | No | 230 m | 634283 | 5512366 | 634509 | 5512406 |
| 5 | 33 | Existing approach | Partially developed trail off AP off Courchaine Road. Used to access the ROW between the Red River and Flood Way. Access point gated. Will require permission from the City to use this trail. | No | 340 m | 634723 | 5512905 | 634867 | 5512609 |
| 5 | 34RT | Intersection with Provincial Road | ROW intersection with PR 200 (St. Mary's Road) | No | 0 m | 635580 | 5513163 | 635580 | 5513163 |



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| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 6 | 35 | Existing dirt road | Existing trail off Hallama Drive. Access point gated. | No | 75 m | 640142 | 5516368 | 640079 | 5516407 |
| 6 | 36RT | Intersection with Provincial Road | ROW intersection with Hallama Drive. Good access from both directions. Good visibility from upcoming vehicle. | Yes | 0 m | 640759 | 5516944 | 640760 | 5516944 |
| 6 | 37RT | Intersection with Provincial Road | ROW intersection with Hallama Drive. | No | 0 m | 641045 | 5517055 | 641045 | 5517056 |
| 6 | 38 | New access | Proposed new trail off PTH 59. Required to access the East side of the ROW. | No | 110 m | 641416 | 5517229 | 641394 | 5517310 |
| 6 | 39 | Existing dirt road | Existing trail off South Side Drive. | No | 970 m | 642000 | 5516712 | 641603 | 5517451 |
| 6 | 40 | Existing dirt trail | Existing trail off Van Dekeere Road. Permission required from the city to use this trail. | No | 6050 m | 648572 | 5518152 | 642595 | 5518119 |
| 6 | 41 | Existing dirt trail | Existing trail off Van Dekeere Road. Permission required from the city to use this trail. | No | 6970 m | 648572 | 5518152 | 643307 | 5518599 |
| 6 | R1 | Restricted | Use road only where no alternative exists. | No | 4430 m | 0 | 0 | 0 | 0 |



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| Number | $\begin{aligned} & \text { Route } \\ & \text { ID } \end{aligned}$ | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 7 | 42 | Existing dirt trail | Existing trail of PR 207 (Deacon road). Access trail gated on both sides of the Road. Grass land on both sides of ROW | No | 3450 m | 648523 | 5519788 | 645215 | 5519884 |
| 7 | 43 | Existing dirt road | Existing trail off Demeyer Road. Access trail identified as Lorne Hill Road 22E. Note: Distribution line on the North side of the road. | No | 2840 m | 648523 | 5519788 | 646752 | 5520894 |
| 7 | 44 | Existing approach | ROW intersection with TCH. Will need to cross shallow ditch on the North side of the road and steep ditch on the South side of the road to access the ROW. Rail crossing on South side of Road. Will require permission from owner to use this road. | No | 0 m | 647403 | 5521373 | 647403 | 5521374 |
| 7 | 45 | Existing dirt trail | Partially developed access trail off PR 207 (Deacon road). This trail can be used to access the South side of the ROW. Will need to develop access to accommodate vehicle. | No | 940 m | 648445 | 5523052 | 647510 | 5523031 |
| 7 | 46 | Existing gravel road | Partially developed access road off PR 207 (Deacon road). Road to the City of Winnipeg Water Treatment Plant. Access road gated. PR 207 Permission required from the City to use this road. | No | 1130 m | 648445 | 5523085 | 647500 | 5523259 |
| 7 | 47RT | Intersection with Provincial Road | ROW intersection with PR 207 (Deacon road). Will need to cross steep ditch on West side of the road to access the ROW. Use 48R to access the East side of the ROW. Minor clearing required (shelterbelt). Distribution line on East side of the Road. | No | 0 m | 648390 | 5524768 | 648390 | 5524768 |
| 7 | 48 | Existing approach | Existing road off Mission Road. | No | 50 m | 648451 | 5524723 | 648454 | 5524768 |
| 7 | 49 | Existing gravel road | Existing mile road off Suthwyn Road. Distribution line on the West side of road. | No | 4850 m | 648357 | 5526363 | 651698 | 5524894 |



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| Number | ide | Type |  |  |  | UTM Easting | Northing | UTM Easting | UTM Northing |
| 8 | 49 | Existing gravel road | Existing mile road off Suthwyn Road. Distribution line on the West side of road. | No | 4850 m | 648357 | 5526363 | 651698 | 5524894 |
| 8 | 50 | Existing gravel road | Existing mile road off PTH 15 (Dugald Rd). Will need to cross Steep ditch on the East of the road and Shallow ditch on the West side of the road to access the ROW. Culvert required on the East side of the road. Crop land on both sides. | No | 3200 m | 653251 | 5528128 | 653336 | 5524937 |
| 8 | 51RT | Intersection with Provincial Road | ROW intersection with PR 206. Will need to cross shallow ditch on both sides of the road to access the ROW. Fence on both sides of the road. Shelter belt on the East side will need to be cleared. Crop land on both sides. | Yes | 0 m | 654993 | 5524982 | 654993 | 5524982 |
| 8 | 52 | Existing dirt road | Existing mile road off PTH 15 (Dugald Rd). Will need to cross steep ditch on both sides of the road to access the ROW. Culvert required. Crop land on both sides. | No | 3200 m | 656537 | 5528220 | 656629 | 5525016 |
| 8 | 53 | Existing dirt road | Existing mile road off PTH 15 (Dugald Rd). Will need to cross steep ditch on both sides of the road to access the ROW. Culvert required. Crop land on both sides. | No | 3200 m | 658133 | 5528256 | 658264 | 5525056 |



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| ${ }_{\text {Mumber }}^{\text {Map }}$ | $\begin{aligned} & \text { Route } \\ & \text { ID } \end{aligned}$ | $\begin{aligned} & \text { Route Access } \\ & \text { Type } \end{aligned}$ |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 9 | 54 | Existing gravel road | Existing mile road off PTH 15 (Dugald Rd). Will need to cross steep ditch on the East side of the road to access the ROW. Culvert required. Farm land on both sides of the ROW. Distribution line on the West of the road. | Yes | 3190 m | 659808 | 5528282 | 659904 | 5525097 |
| 9 | 55 | Existing gravel road | Access along existing mile road (Poplar Road 31E). | No | 1800 m | 661598 | 5523386 | 661580 | 5525181 |
| 9 | 56 | Existing gravel road | Access along existing mile road (Edgewood Road 32E). Will need to cross steep ditch on both sides of the road to access the ROW. Culvert required. There is an existing narrow crossing 50 m South of the ROW that could be used. Distribution line on the East side of the Road. | Yes | 1860 m | 663266 | 5523518 | 663225 | 5525380 |
| 9 | 57 | Existing gravel road | Access along existing mile road (Millbrook road 33E). Will need to cross steep ditch on the East side of the road to access the ROW. Culvert required. There is an existing narrow crossing 50 m South of the ROW that could be used. Distribution line on the East side of the Road. | Yes | 1950 m | 664911 | 5523475 | 664863 | 5525426 |
| 9 | 58 | Existing gravel road | Access along existing mile road (Brier Cliff road 34E). Will need to cross shallow ditch on the West side of the road and steep ditch on the East side of the road to access the ROW. Culvert required to cross the East side. Crop land on both sides. Distribution line on the West side of the Road. Some clearing required on the East side of the road. | Yes | 1940 m | 666463 | 5526789 | 666499 | 5525465 |
| 9 | 59 | Existing gravel road | Access along existing mile road (Stoneridge road 35E). Will need to cross shallow ditch on the East side of the road and steep ditch on the West side of the road to access the ROW. Culvert required the West side. Some clearing required on the East side of the ROW. | Yes | 1930 m | 668188 | 5523556 | 668142 | 5525488 |



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| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 10 | 60RT | Intersection with Provincial Highway | ROW intersection with PTH 12. Will need to cross shallow ditch on the East side of the road and steep ditch on the West side of the road to access the ROW. Culvert required for the West side. Distribution crossing on the West side of road. | Yes | 0 m | 669798 | 5525534 | 669799 | 5525535 |
| 10 | 61 | Existing gravel road | Access along existing mile road (Mission road 58N) off PTH 12. Will need to cross shallow ditch on the West side of the road and steep ditch on the East side of the road to access the ROW. Culvert required for the East side. Fence on the West side of the ROW. Distribution line and natural grass land on East side. Shelter belt and fence on West side. | No | 1800 m | 669811 | 5525232 | 671410 | 5525464 |
| 10 | 62 | Existing gravel road | Access along existing mile road (Mission road 58N) off PTH 12. Will need to cross shallow ditch on the North side of the road and steep ditch on the South side of the road to access the ROW. Culvert required for the East side. Fence on the West side of the ROW. Natural grass land on both sides of the ROW. Some clearing required. | No | 1890 m | 669811 | 5525232 | 671696 | 5525273 |
| 10 | 63 | Existing gravel road | Access along existing mile road (Centre Line road 57N) off PTH 12 . Will need to cross s steep ditch on both sides of the road to access the ROW. Culvert required. Fence on the North side of the ROW. Distribution line on the North side of the road. Clearing required on both sides of the ROW. | Yes | 1870 m | 669852 | 5523588 | 671718 | 5523640 |
| 10 | R2 | Restricted | Greater Winnipeg Aquaduct, no crossing permitted. | No | 230 m | 0 | 0 | 0 | 0 |



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| 11 | 64 | Existing gravel road | Access along existing mile road (Richland road 54N) off PTH 12. Will need to cross steep ditch on both sides of road to access ROW. Culverts required. There is an existing crossing that can be used to access the North side of the ROW. Fence on the North side of the ROW. Distribution line on North side of road. Natural grass land on North side and Crop land on South side road. | Yes | 2650 m | 669958 | 5518675 | 672615 | 5518749 |
| 11 | 65 | Existing gravel road | Existing gravel road along Municipal road 38E off PR 501(Rosewood road). Road used to access an active quarry site. Must obtain permission before using road. Some clearing required on both sides of the ROW. | No | 2460 m | 673309 | 5515481 | 673678 | 5516017 |
| 11 | 66 | Existing gravel road | Access along existing mile road (Monominto road) off PR 501 (Rosewood road). Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Clearing required on both sides of the ROW. | Yes | 2390 m | 674996 | 5513888 | 673863 | 5515491 |
| 11 | 67 | Existing gravel road | Access along existing mile road (Monominto road) off PR 501 (Rosewood road). Will need to cross shallow ditch on both sides of the road to access the ROW. Fence and distribution line on the East side of the road. Clearing required on both sides of the ROW. | Yes | 330 m | 674996 | 5513888 | 674983 | 5514218 |
| 11 | 68RT | Intersection with Provincial Road | ROW intersection with PR 501 (Rosewood road). Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Distribution line and fence on the North side of the road. Clearing required on both sides of the ROW. | Yes | 0 m | 675318 | 5513888 | 675319 | 5513889 |
| 11 | 69 | Existing gravel road | Existing gravel road along municipal road 40E off PR 501(Rosewood road). Will need to cross shallow ditch on North side and steep ditch on South side to access ROW with a culvert required for South side. There is a fence and natural grass land on the South side of ROW. Clearing required on North and South side of ROW. Distribution line on North side of road. | Yes | 1770 m | 676639 | 5513914 | 676546 | 5512274 |
| 11 | R3 | Restricted | Restricted access, do not use to access ROW. | No | 1200 m | 0 | 0 | 0 | 0 |
| 11 | R4 | Restricted | Restricted access, do not use to access ROW. | No | 1640 m | 0 | 0 | 0 | 0 |



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| 12 | 70RT | Intersection with Trans-Canada Highway | ROW intersection with TCH. Use service road to access the North side of the ROW. Some Clearing required on the North side. | Yes | 0 m | 679854 | 5504189 | 679855 | 5504190 |
| 12 | 71 | Existing gravel road | Access along existing mile road (Mun 42E) off Dawson road. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Wet land on both sides of the ROW. Access only possible under frozen ground condition. Clearing required on both sides of the ROW. | Yes | 560 m | 680247 | 5503125 | 680229 | 5503689 |
| 12 | 72RT | Intersection with gravel road | ROW intersection with Dawson road. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Fence on both sides of the ROW. Distribution line on South side of the road. Some clearing required on both sides of the ROW. There is an existing crossing on South side but it goes into a residential house. | Yes | 0 m | 680618 | 5503161 | 680618 | 5503162 |



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| 13 | 73 | Existing approach | Entrance road to Richer South Station off PR 302. Entrance road gated. Clearing required. | No | 630 m | 683681 | 5499452 | 683262 | 5499643 |



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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 14 | 75RT | Intersection with Provincial Road | ROW intersection with PR 302. Will need to cross steep ditch with existing crossings on both sides of the road to access ROW. To access the North side, the existing crossing is located 380 m East of the ROW. To access the South side, the existing crossing is located 70 m West of the ROW. Distribution line on and some clearing required North side of the road. Crop land on both sides. | Yes | 0 m | 682024 | 5494356 | 682024 | 5494356 |
| 14 | 76 | Existing gravel road | Access along municipal road 38 N off PR 302. Will need to cross steep ditch on the South side of the road to access the ROW. Culvert required. There is an existing crossing with gates on the North side of the ROW. Fence on each side of road. Crop land on both sides of the ROW. Distribution line on the North side of the road. | Yes | 1250 m | 680608 | 5492652 | 681851 | 5492707 |
| 14 | 77 | Existing gravel road | Access along municipal road 37 N off PR 302. Will need to cross steep ditch on the North side of the road to access the ROW. Culvert required. There is an existing crossing on the South side of the ROW. Crop land on the South side of the road. Natural grass land on the North of the road. Some clearing required on North side of the road. | No | 1270 m | 680653 | 5491019 | 681921 | 5491066 |
| 14 | 78 | Existing gravel road | Access along municipal road 37 N off PR 302. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Fence on the North side of the road. Clearing required on the South side of the ROW. | Yes | 1380 m | 680610 | 5489695 | 681970 | 5489676 |
| 14 | R5 | Restricted | Use road only where no alternative exists. | No | 1650 m | 0 | 0 | 0 | 0 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 15 | 80 | New access | Proposed new trail off Gorrelin road. Required to access the East side of the ROW. Exact location of trail to be determined in line with the location of tower. Will need to cross steep ditch to access the ROW. Culvert required. Distribution line on the East side of the road. | No | 60 m | 681866 | 5486594 | 681921 | 5486594 |
| 15 | 81 | Existing gravel road | Access along municipal road 34N off PR 210. Wet land on both sides of the ROW. Access only possible under frozen ground condition. | No | 280 m | 682218 | 5486388 | 681935 | 5486374 |
| 15 | 82 | Existing gravel road | Access along existing mile road (Stroch road) off PR 210. Will need to cross steep ditch on both sides of the road to access the ROW. There is an existing crossing on the east side of the ROW that could be used to access the North side of the ROW. Crop land on both sides of the road. | No | 780 m | 683473 | 5484805 | 682691 | 5484776 |
| 15 | 83 | Existing gravel road | Access along existing mile road (32N road) off PR 210. Will need to cross shallow ditch on the North side and Steep ditch on the South side of the road to access the ROW. Culvert required for the South side. Clearing required on both sides of the ROW. | Yes | 1600 m | 683625 | 5483170 | 682806 | 5483147 |
| 15 | 84 | Existing gravel road | Access along existing mile road (Marchand road) off PR 210. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Clearing required on both sides of the ROW. | No | 4100 m | 683744 | 5479887 | 682910 | 5479864 |
| 15 | 85 | Existing gravel road | Access along existing mile road (Marchand road) off PR 210. Will need to cross shallow ditch on the North side and steep ditch on the South side of the road to access the ROW. Culvert required for the South side. Clearing required on both sides of the ROW. | Yes | 2400 m | 683725 | 5478269 | 682981 | 5478205 |
| 15 | R6 | Restricted | Use road only where no alternative exists. | No | 4200 m | 0 | 0 | 0 | 0 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 16 | 86 | Existing gravel road | Access along existing mile road (Trentham road) off PR 302. Will need to cross shallow ditch on the North side and steep ditch on the South side of the road to access the ROW. There is an existing crossing with a gate 30 m West of the ROW that could be used to access the South side of the ROW. Fenced on both sides of road. | No | 2460 m | 680636 | 5474853 | 683089 | 5474943 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 17 | 87 | Existing gravel road | Access along existing mile road (Moose Meadow Rd 24N) off PR 302. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Fence on the North side of the road. Some clearing required on both sides of the ROW. | Yes | 2900 m | 680795 | 5469940 | 683717 | 5470040 |
| 17 | 88 | Existing trail | Partially developed trail off PR 302. | Yes | 3570 m | 680973 | 5465011 | 684547 | 5465147 |
| 17 | 89 | Existing trail | Access along existing mile road (Marynowski road) off PR 302. Will need to cross shallow ditch on the North side and steep ditch on the South side of the road to access the ROW. Culvert required for the South side. Fence on the North side of the road. Distribution line on the North side of the road. Some clearing required on both sides. | Yes | 3800 m | 681029 | 5463364 | 684833 | 5463496 |
| 17 | 90 | Existing gravel/dirt road | Access along existing trail (Chopyk Road) off Marynowski road. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. The trail contains standing water in locations where there is rutting. Fence on the East side of the trail. Distribution line on the East side of the trail. Clearing required on both sides of the trail. | Yes | 2640 m | 685952 | 5463527 | 686013 | 5462011 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 18 | 91RT | Intersection with Provincial Highway | ROW intersection with PTH 12. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Fence on the North side of the road. Distribution line on the North side of the road. | No | 0 m | 687627 | 5460346 | 687628 | 5460347 |
| 18 | 92RT | Intersection with gravel road | ROW intersection with Wells road. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. There is an existing crossing 30 m North of the ROW that can be used to access the East side of the ROW. | Yes | 0 m | 687723 | 5460258 | 687723 | 5460259 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | $\begin{aligned} & \text { UTM } \\ & \text { Northing } \end{aligned}$ | UTM Easting | $\begin{aligned} & \text { UTM } \\ & \text { Northing } \end{aligned}$ |
| 19 | 93 | Existing gravel road | Existing access road off PTH 12. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Clearing required on both sides of the ROW | Yes | 2850 m | 692767 | 5458160 | 692866 | 5455310 |
| 19 | 94 | Existing gravel road | Existing access road (Lonesand road) off PTH 12. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Clearing required on both sides of the ROW. | Yes | 2700 m | 696133 | 5455569 | 694235 | 5454006 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 20 | 95 | Existing gravel road | Existing access road (Sundown road) off PTH 12. Clearing kept to a minimum, community concerns with trees surrounding cemetery. Distribution line to the East of the road. Clearing required on both sides of the road. | Yes | 3320 m | 699057 | 5449373 | 699586 | 5452582 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 21 | 97RT | Intersection with Provincial Road | ROW intersection with PR 201. Will need to cross steep ditch on both sides of the Road to access the ROW. Culverts required. Clearing required on both sides. | Yes | 0 m | 704928 | 5442339 | 704929 | 5442340 |




## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 23 | 100 | Existing gravel road | Access along existing mile road off PTH 89.Will need to cross shallow ditch on both sides of the road to access the ROW. Crop land on both sides of road. Some clearing required on South side of ROW. | No | 1130 m | 720768 | 5436897 | 721902 | 5436948 |
| 23 | 101 | Existing gravel road | Access along existing mile road. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Crop land on both sides of the. Clearing required on the North side of the ROW. | Yes | 1400 m | 721902 | 5436948 | 722429 | 5436062 |
| 23 | 98 | Existing dirt road | Access along municipal road 65E off PR 201. | No | 3870 m | 718995 | 5440130 | 719080 | 5437881 |
| 23 | 99RT | Intersection with Provincial Highway | ROW intersection with PTH 89. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Distribution crossing on the East side of the road. Clearing required on the East side of the ROW | Yes | 0 m | 720732 | 5437877 | 720733 | 5437877 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | UTM Easting | UTM Northing | UTM Easting | UTM Northing |
| 24 | 102 | Existing gravel road | Existing municipal road 2 N extending 850 m from 102R to 101T. | No | 860 m | 722365 | 5435230 | 722429 | 5436062 |
| 24 | 103 | Existing trail | Existing trail on the bank of a drainage ditch. Will require permission to use this trail. | Yes | 560 m | 722418 | 5435190 | 722741 | 5435643 |
| 24 | 104 | Existing gravel road | Access along existing mile road. Will need to cross steep ditch on both sides of the road to access the ROW. Culverts required. Crop land on both sides of the road. Contact Pineland Colony to discuss access route. | Yes | 3070 m | 722418 | 5435190 | 724083 | 5433753 |
| 24 | 105 | Existing gravel road | Access along existing mile road. Will need to cross shallow ditch on both sides of the road to access the ROW. Crop land on both sides of the road. | No | 200 m | 724083 | 5433753 | 724163 | 5433640 |
| 24 | 106 | Existing trail | Undeveloped dirt trail off a mile road. Trail will need to be widened and develop to accommodate construction equipments. Will require permission from Pineland Colony. | No | 1050 m | 724197 | 5432937 | 724550 | 5432953 |
| 24 | 107 | Existing trail | Partially developed mile road along ON road. Mile road has been seeded up to the ditch line. | No | 2450 m | 724222 | 5431977 | 725700 | 5432026 |



## Access Routes

|  |  |  | Description | Access Route Photo included in Appendix A | Access Length | Road Access Point |  | Transmission ROW Access Point |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Number | ID | Type |  |  |  | $\begin{aligned} & \text { UTM } \\ & \text { Easting } \end{aligned}$ | $\begin{aligned} & \text { UTM } \\ & \text { Northing } \end{aligned}$ | UTM Easting | $\begin{aligned} & \text { UTM } \\ & \text { Northing } \end{aligned}$ |
| 25 | 108 | New Access | Existing approach into the field East and may need permission from land owner. West access to station will require a new access and approach | No | 100 m | 479770 | 5487365 | 479664 | 5487368 |
| 25 | 109 | Existing gravel road | Existing gravel road from PTH 5 leading into Glenboro station. | No | 225 m | 479770 | 5487313 | 479546 | 5487314 |

